

CONTENTS OF VOLUME THE EIGHTH.

	Page
Naval Ordnance. By Captain E. G. FISHBOURNE, R.N., C.B.	1
Adjourned Discussion	29
Balloon Reconnaissance. By Captain FREDK. F. E. BEAUMONT, R.E.	52
The Application of Steam-power to the Working of Heavy Guns. By H. D. CUNNINGHAM, Esq., R.N.	67
On Armoured, or Iron-clad Ships; their Advantages and Defects. By Captain JASPER H. SELWYN, R.N.	82
The Influence of the Present Knapsack and Accoutrements on the Health of the Infantry Soldier. By W. C. MACLEAN, Esq., M.D., Deputy Inspector General, Professor of Military Medicine, Army Medical School, Netley	105
Sickness Charts, illustrating Diseases, &c., of the Army. By R. DOMENICHETTI, Esq., M.D., Surgeon 75th Regt.	116
Army Industrial Exhibitions. By Captain FRANK BOLTON, 12th Regt., F.R.G.S., Assoc. Inst. C.E.	123
Spithead and Harbour Defence. By Captain H. W. TYLER, R.E., Railway Department, Board of Trade	139
The Errors of the Rifle. By Captain G. B. V. ARBUCKLE, late 57th Regt.	158
The Application of Electric Telegraphy to the Steering and General Management of a Man-of-War. By Lieutenant A. H. GILMORE, R.N.	165
Flexible Coffor-dams for Cleaning and Repairing Ships Afloat. By Captain H. F. MCKILLIP, R.N.	175
The Art of Command, considered with reference to the Duties of Regimental Officers. By Lieutenant-Colonel A. CUNNINGHAM ROBERTSON, 8th (The King's) Regt.	178
Wooden-cased <i>versus</i> Iron-cased Ships of War. Contributed by Colonel C. F. PARKINSON, late 70th Regt.	198
Armour-plated Ships, and the Stability of Ships in a Sea-way, considered in relation to the Principle of the Lever and the Laws of Motion. By Mr. BARRAS	199
Military Gymnasia. By ARCHIBALD MACLAREN, Esq.	217
Proceedings at a Special General Meeting held on Monday, May 2nd, 1864	231
The Constructive Service of the Army or Military-Work by Military Means. By Lieutenant-Colonel MILLINGTON H. SYNGE, R.E.	233
The Construction, Mode of Application, and Use of Hind-Wheels; being a new form of paddle-wheels, working under the Counters. By Major J. SCOTT PHILLIPS, late H.M. Bengal Artillery	271
Mont Storm's System of Breech-loading. Contributed by Mr. F. A. BRAENDLIN, and read by CHARLES PHELPS, Esq.	280
The Progressive and possible Development of Infantry Drill and Manœuvres. By Major TALBOT HARVEY, 1st Midd. Eng. Vols., formerly Austrian Service and Suffolk Mil. Art.	292

	Page
The employment of Cast-steel for the manufacture of Ordnance and Projectiles. By H. BESSEMER, Esq. - - - - -	302
Railways Strategically Considered. By Captain H. W. TYLER, R.E. Railway Department Board of Trade - - - - -	321
Some new points in the History and Application of Gun-cotton. By F. A. ABEL, Esq., F.R.S., Chemist to the War Department, Royal Arsenal, Woolwich - - -	345
A proposed plan for Working the Heaviest Ordnance on board Armour-plated Ships and in Fortifications, with complete Protection for the Men. By Captain E. A. INGLEDEN, R.N., F.R.S. - - - - -	367
The Dress and Accoutrements of the Infantry of the Line. Contributed by Major LYNDEN BELL, unattached - - - - -	385
Breech-loaders for the Army, with Addendum on Gun-cotton as an Explosive Agent in Modern Warfare. By Lieut. A. Walker, 79th Highrs., School of Musketry, Fleetwood - - - - -	396
Lieut.-Col. Davidson's Patent Telescopic Rifle Sight. Contributed by Lt.-Col. D. DAVIDSON, 1st City Edinburgh R. Vols., and late H.M. Bombay Army - - -	426
New Leader for Coupled Rockets. Contributed by Lt. W. F. A. HARRIS, R.N. Coastguard, Greystones, Ireland - - - - -	429
Calculation of Range for the Service of Artillery. Contributed by Captain J. R. CAMPBELL, Hants Art. Mil. - - - - -	431
Proposal for the Establishment of Sanitary Officers in populous districts, with the view of Improving the Standard of Public Health and Ameliorating the Conditions of the Army Medical Department. Contributed by R. DOME- NICHETTI, Esq., M.D., Surgeon 75th Regt. - - - - -	435
Proposals for the formation of a Corps of Marksmen for immediate Service on the Frontier (India). By Capt. J. C. Cox, 1st Batt. 20th Regt. - - - - -	437
Progress of Ordnance Abroad compared with that at Home. By Commander R. A. E. SCOTT, R.N. - - - - -	443
Proceedings of the Thirty-Fourth Anniversary Meeting - - - - -	i
Address of His Grace the Duke of Somerset, K.G. - - - - -	iii
Statement of Changes among the Members during 1864 - - - - -	xvi
Tabular analysis - - - - -	xvii
Donations - - - - -	viii
New Members during 1864,—67, 82, 103, 123, 139, 198, 233, 271, 302, 367, 385, 443 - - - - -	xviii
Additions to the Library - - - - -	xx
Books presented - - - - -	xx
Books purchased - - - - -	xxv
Maps, plans, sketches - - - - -	xxvii
Additions to the Museum - - - - -	xxviii